

TABLE I. DEVICE PARAMETERS 1/

JPL PART # ST12195-	MFG	MFG PART #	PACKAGE STYLE 2/	DETAIL SCREENING TESTS	ELECTRICAL CHARACTERISTICS & GROUP A TESTS	RADIATION (TID) LEVEL RAD(Si)
DN6309BR through DN6319BR	MSC	1N6309 through 1N6319	D035	MIL-S- 19500/533	MIL-S-19500/533 (TABLE I)	100k 3/
DN6309LR through DN6319LR	MSC	1N6309US through 1N6319US	SMD	MIL-S- 19500/533	MIL-S-19500/533 (TABLE I)	100K 3/

**NOTES:**

**1/ This drawing, in conjunction with CS515581, imposes all requirements for procurement of these devices.**

**2/ Device physical dimensions shall conform to MIL-S-19500/533, (figure 1 for D035 package, figure 2 for SMD package).**

**3/ Sufficient radiation tolerance to this TID level is guaranteed by design for this device. (See CS515581, Paragraph 4.7.7).**

**4. Final finish of leads/terminations shall be hot solder dip in accordance with MIL-S-19500.**

**5. SMD devices shall be delivered to JPL in tape and reel carriers unless otherwise specified.**

**6. This standard takes precedence over documents referenced herein.**

<b>RELEASED THRU SECTION 356 DATA MANAGEMENT:</b>			<b>DATE:</b>		
<b>REVISION: A</b>			<b>APPROVED BY:</b>		
<b>DATE: 10-05-92</b>					
<b>APPROVED SOURCE(S)</b>					THE ITEM LISTED IN THE APPROVED SOURCE BLOCK AND IDENTIFIED BY VENDOR NAME, ADDRESS, AND PART NUMBER WILL BE EVALUATED AND TESTED BY THE JPL ELECTRONIC PARTS RELIABILITY SECTION OR ITS DELEGATED ALTERNATE BEFORE BEING APPROVED FOR USE. NON-JPL USERS SHALL CHECK WITH THE ELECTRONIC PARTS RELIABILITY SECTION ON THE STATUS OF THE PART'S APPROVAL BEFORE USING.
<b>VENDOR PART NO</b>	<b>VENDOR</b>		<b>JPL PART NO</b>		
<b>JET PROPULSION LABORATORY    CALIFORNIA INSTITUTE OF TECHNOLOGY</b>					
CAGE NO 23835					
Procurement specification: <b>CS515581</b> Screening specification: <b>ZPP-2073-GEN</b>	<b>TITLE:</b>  <b>DIODE, SILICON, ZENER, VOLTAGE REGULATOR, 500mW</b>				<b>DETAIL SPECIFICATION</b>
Custodian: Electronic Parts Reliability Section 514					<b>ST 12195</b>
					<b>SHEET 1 OF 1</b>

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